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D&C

IN THE UNITED STATES PATENT & TRADEMARKS OFFICE

ART UNIT: 1722

EXAMINER: Thu Khanh T. Nguyen

APPLICANT: SUNG, CHIEN-MIN

SERIAL NO.: 10/775,042

FILED: 2/6/2004

CONFRM. NO.: 9003

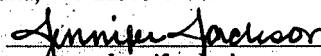
TITLE: HIGH PRESSURE CRYSTAL GROWTH
APPARATUSES AND ASSOCIATED
METHODS

ATTORNEY DOCKET NO. 00802-22390.CIP

**CERTIFICATE OF MAILING
UNDER 37 C.F.R. § 1.8**

DATE OF DEPOSIT: September 19, 2007

I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Jennifer Jackson

**ASSERTION OF LARGE ENTITY STATUS AND ITEMIZATION AND PAYMENT OF
DEFICIENCY**

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

09/25/2007 EFLORES 00000003 10775042
01 FC:1461

1773.00 0P

The applicant asserts that the above listed patent application is not entitled to small entity status and that this communication should act as notification of such as required under 37 C.F.R. § 1.27(g)(2). It is further asserted that the paying of small entity fees was an error which was made in good faith. Accordingly, a check for \$1,773.00 is included herewith and is believed to correct all deficiencies owed with respect to this patent application.

The deficiency owed was calculated based on the guidelines set forth in 37 C.F.R. § 1.28(c)(2)(i) and an itemization of the deficiency as required under 37 C.F.R. § 1.28(c)(2)(ii) is set forth below.

Itemization of Deficiency Payment

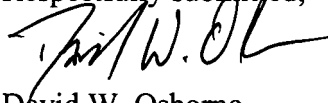
Type of Fee Paid	Filing Fees minus the Surcharge
Current Fee Amount for Non-Small Entity	\$2,510.00

Commissioner for Patents
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Page 2 of 2

Small Entity Fee Paid	\$737.00
Date of Payment of Small Entity Fee	05/18/2004
Deficiency Owed	\$1,773.00
Total Deficiency Owed	\$1,773.00

DATED this 19th day of September, 2007.

Respectfully submitted,

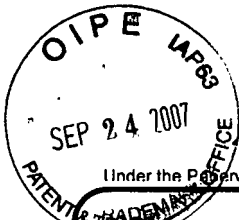


David W. Osborne
Attorney for Applicant
Registration No. 44,989

THORPE NORTH & WESTERN, LLP
Customer No. 20,551
P.O. Box 1219
Sandy, Utah 84091-1219
Telephone: (801) 566-6633



DO/EE/jrj



PTO/SB/17 (07-07)

Approved for use through 06/30/2010. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2007

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1,773.00

Complete if Known

Application Number	10/775,042
Filing Date	2/6/2004
First Named Inventor	SUNG, CHIEN-MIN
Examiner Name	Thu Khahn T. Nguyen
Art Unit	1722
Attorney Docket No.	00802-22390.CIP

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☒ Deposit Account Deposit Account Number: 20-0100 Deposit Account Name: Thorpe North & Western, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Fee (\$)	Small Entity Fee (\$)
50	25

Each independent claim over 3 (including Reissues)

200	100
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Multiple dependent claims

360	180
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Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
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Multiple Dependent Claims	
Fee (\$)	Fee Paid (\$)

- 20 or HP = _____ x _____ = _____

Fee (\$) Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
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- 3 or HP = _____ x _____ = _____

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
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- 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Fees Paid (\$)

Other (e.g., late filing surcharge): Assertion of Large Entity Status and Payment of Deficiency

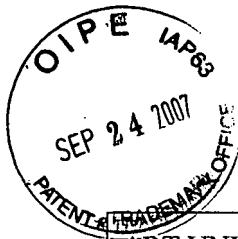
\$1,773

SUBMITTED BY

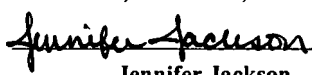
Signature		Registration No. (Attorney/Agent) 44,989	Telephone (801) 566-6633
Name (Print/Type)	David W. Osborne	Date	9/19/07

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT & TRADEMARKS OFFICE

ART UNIT: 1722	REQUEST FOR DESIGNATION OF PATENT DRAWING
EXAMINER: Thu Khanh T. Nguyen	<u>CERTIFICATE OF MAILING</u> <u>UNDER 37 C.F.R. § 1.8</u>
APPLICANT: SUNG, CHIEN-MIN	DATE OF DEPOSIT: 9/19/07
SERIAL NO.: 10/775,042	I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail on the date indicated above and is addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
FILED: 2/6/2004	 Jennifer Jackson
CONF. NO.: 9003	
FOR: HIGH PRESSURE CRYSTAL GROWTH APPARATUSES AND ASSOCIATED METHODS	
DOCKET NO.: 00802-22390.CIP	

REQUEST FOR DESIGNATION OF PATENT DRAWING

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir/Madam:

We have today paid the issue fee in the above-referenced application and respectfully request that Figure 1 be designated when the patent is published.

Dated this 19th day of September, 2007.

Respectfully submitted,



David W. Osborne
Attorney for Applicant
Registration No. 44,989
THORPE NORTH & WESTERN, LLP
Customer No. 20,551
P.O. Box 1219
Sandy, Utah 84091-1219
Telephone: (801) 566-6633


DO/EE/jrj



David W. Osborne
Registered Patent Attorney
osborne@tnw.com

Erik S. Ericksen, M.S.
Registered Patent Attorney
ericksen@tnw.com

September 13, 2007

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Patent Application No. 10/775,042 filed February 6, 2004
First Named Inventor: SUNG, CHIEN-MIN
Title: HIGH PRESSURE CRYSTAL GROWTH APPARATUSES AND
ASSOCIATED METHODS
Attorney Docket No.: 00802-22390.CIP

Dear Sir/Madam:

Enclosed for filing in the above-identified patent application are 11 sheets of formal drawings. The Issue Fee is being paid and mailed today under same cover. The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Deposit Account Number 20-0100.

Dated this 19th day of September, 2007.

Respectfully submitted,

David W. Osborne
Attorney for Applicant
Registration No. 44,989

THORPE NORTH & WESTERN, LLP
Customer No. 20,551
P.O. Box 1219
Sandy, UT 84091-1219
Telephone (801) 566-6633

DO/EE/jrj

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

September 19, 2007
Date of Deposit

Jennifer Jackson

www.tnw.com

8180 South 700 East • Suite 350 • Sandy, Utah 84070-0562 • 801.566.6633 • f. 801.566.0750 • patlaw@tnw.com | U.S. Mailing Address: P.O. Box 1219 • Sandy, Utah 84091-1219

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